

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/010593

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C30B7/00 C30B29/22 H01L39/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C30B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 077 344 A (SHOUP ET AL) 20 June 2000 (2000-06-20) cited in the application column 5, line 59 - column 6, line 13; column 3, line 51 - column 4, line 57 ----- A US 2002/178999 A1 (BEACH DAVID B ET AL) 5 December 2002 (2002-12-05) paragraphs '0064!, '0065!, '0097!; example 4 ----- A US 6 440 211 B1 (BEACH DAVID B ET AL) 27 August 2002 (2002-08-27) cited in the application claims 1,15,16 -----	1-39 1,3-25, 27, 29-31, 33-39 1,2 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

2 November 2005

Date of mailing of the International search report

14/11/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 399 154 B1 (WILLIAMS ROBERT K ET AL) 4 June 2002 (2002-06-04) claims 1,10,11; example 3 -----	1-39

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/010593

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6077344	A	20-06-2000	US US	6270908 B1 6440211 B1	07-08-2001 27-08-2002
US 2002178999	A1	05-12-2002	US	2002134300 A1	26-09-2002
US 6440211	B1	27-08-2002	US US	6270908 B1 6077344 A	07-08-2001 20-06-2000
US 6399154	B1	04-06-2002	NONE		